

Table 4
Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C002-SB001																C002-SB002										
	C002-SB001-0012-01			CB002-SB001-1224-01			CB002-SB001-2436-01			CB002-SB001-3648-01			CB002-SB001-4860-01			CB002-SB001-6072-01			CB002-SB001-7284-01			CB002-SB001-8496-01			C002-SB002-0012-01		
RST 3 Sample No.	0-12		12-24		24-36		36-48		48-60		60-72		72-84		84-96		0-12		Soil		Soil		Soil		Soil		
Sample Depth (inches)	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		
Sample Date	4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	¹ EPA SSAL																C002-SB002										
Bismuth-212 (Bi-212)	6,440,000	0.41	0.14	0.74	J	1.28	ND	1.55	J	1.69	0.66	0.13	0.63	0.1	0.93	0.16	0.92	0.13	0.42	0.12	0.13	0.42	0.12	0.13	0.42	0.12	
Bismuth-214 (Bi-214)	1,310,000	0.3	J	0.04	NA		NA	NA		NA	0.67	J	0.08	0.77	J	0.09	0.53	J	0.06	0.48	J	0.05	0.36	J	0.04		
Cesium-137 (Cs-137)	11.20	ND		NA			NA	NA		NA			ND		ND		ND		ND			ND		0.01	0.01		
Potassium-40 (K-40)	26.7	7.46	J	0.85	11.61	2.18	10.16	6.09	11.21	3.01	11.3	J	1.26	12	J	1.32	11.4	J	1.27	12	J	1.33	9.98	J	1.12		
Lead-210 (Pb-210)	418	0.43	0.15	7.9	J	13	120.52	77.6	5.78	J	3	0.76	0.2	0.85	0.18	0.29	0.1	0.28	0.09	0.48	0.12						
Lead-212 (Pb-212)	657,000	0.36	0.04	0.69			1.13	0.564	1.1		0.28	0.06	0.52	0.06	0.79	0.09	0.81	0.09	0.44	0.05							
Lead-214 (Pb-214)	7,330,000	0.36	J	0.04	ND		ND		ND		0.75	J	0.09	0.88	J	0.1	0.6	J	0.07	0.56	J	0.07	0.42	J	0.05		
Radium-226* (Ra-226)	2.52	0.63	0.17	5.62		0.8	89.39	11.93	2.21		0.39	1.08	0.2	1.16	0.18	1.2	J	0.21	1.19	0.18	0.73	0.18					
Radium-228 (Ra-228)	16.2	0.34	0.05	0.92		0.28	ND	0.95		0.5	0.55	0.07	0.53	0.06	0.8	0.09	0.81	0.09	0.46	0.06							
Thorium-227 (Th-227)	NS	0.08	0.07	NA			NA		NA		0.07	0.04	0.07	0.04	0.12	0.06	0.1		0.05	0.12	0.06						
Thorium-228 (Th-228)	13,300	0.6	0.16	0.65		0.33	1.17	0.5	1.34		0.58	0.5	0.09	0.63	0.11	0.75	0.12	0.74	0.12	0.54	0.11						
Thorium-230 (Th-230)	2,060	0.45	0.13	1.89		0.58	10.3	2.09	0.6	0.34	0.48	0.1	0.5	0.1	0.62	0.11	0.54	0.1	0.55	0.12							
Thorium-232 (Th-232)	5	0.45	0.13	0.81		0.35	1.29	0.51	1.1		0.47	0.52	0.1	0.59	0.11	0.71	0.12	0.71	0.11	0.42	0.09						
Thorium-234 (Th-234)	47,500	0.28	0.14	0		0.99	ND		ND		0.58	0.15	0.43	0.14	0.58	0.14	0.78	0.13	0.27	0.13							
Thallium-208 (Tl-208)	3,400,000	0.1	J	0.01	0.29		0.1	ND		0.54	0.16	0.18	J	0.02	0.16	J	0.02	0.26	J	0.03	0.24	J	0.03	0.14	J	0.02	
Uranium-234 (U-234)	3,260	0.53	0.1	NA			NA		NA		0.5	0.09	0.31	0.07	0.64	0.11	0.89	0.14	0.38	0.08							
Uranium-235 (U-235)	37.7	0.02	J	0.02	0.28		0.14	6.56	R	1.29	0.29	R	0.14	0.02	J	0.02	ND		0.03	0.03	0.03	ND					
Uranium-238 (U-238)	158	0.55	J	0.1	0.59		0.2	0.92	0.31	0.6	0.26	0.46	J	0.09	0.38	J	0.08	0.64	J	0.11	0.92	J	0.14	0.4	J	0.08	
Uranium-233/234 (U-233/234)	3,260			NA			0.52	0.19	0.74	0.27	0.37	0.19	NA		NA		NA		NA		NA		NA		NA		
Uranium-235/236 (U-235/236)	37.7			NA			0.07	0.07	0.08	J	0.1	0.08	J	0.11	NA		NA		NA		NA		NA		NA		

Location No.	C002-SB002																C002-SB003									
C002-SB002-1224-01			CB002-SB002-2436-01			CB002-SB002-3648-01			CB002-SB002-4860-01			CB002-SB002-6072-01			CB002-SB002-7284-01			CB002-SB002-7284-02			CB002-SB002-8496-01			C002-SB003-0012-01		
RST 3 Sample No.	12-24		24-36		36-48		48-60		60-72		72-84		72-84		84-96		0-12		Soil		Soil		Soil		Soil	

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Table 4
Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C002-SB003																C003-SB001						C003-SB001																																			
	C002-SB003-1224-01			CB002-SB003-2436-01			CB002-SB003-3648-01			C002-SB003-4860-01			C002-SB003-6072-01			C002-SB003-7284-01			C002-SB003-8496-01			C003-SB001-0012-01			C003-SB001-1224-01																																	
	RST 3 Sample No.		Sample Depth (inches)		Sample Matrix		Sample Date		Sample Result		Value (pCi/g)		Qualifier		Total Uncertainty		Value (pCi/g)		Qualifier		Total Uncertainty		Value (pCi/g)		Qualifier		Total Uncertainty		Value (pCi/g)		Qualifier		Total Uncertainty																									
	¹ EPA SSAL																																																									
Radioisotope																																																										
Bismuth-212 (Bi-212)	6,440,000	0.96	0.14	1.08	0.73	3.64	J	4.26	0.85	0.18	1.12	0.17	0.94	0.15	1.13	0.19	1.2	0.24	ND																																							
Bismuth-214 (Bi-214)	1,310,000	1.3	J	0.14	NA	NA			1.78	J	0.2	0.59	J	0.07	0.56	J	0.06	0.71	0.08	0.53	0.07	NA																																				
Cesium-137 (Cs-137)	11.20	0.09	J	0.01	NA	NA			ND			ND			ND			ND			ND																																					
Potassium-40 (K-40)	26.7	12.9	1.42	13.03	2.49	19.62	4.97	10.8	J	1.21	9.5	J	1.06	14.3	J	1.58	15	1.66	13.6	1.53	12.82	2.59																																				
Lead-210 (Pb-210)	418	1.27	0.24	ND	51.32	13.99	1.84	0.23	0.55	0.13	0.32	0.1	0.48	0.11	0.59	0.22	0	4.36																																								
Lead-212 (Pb-212)	657,000	0.85	0.1	0.64	0.14	0.91	0.41	0.78	2.03	J	0.22	0.74	J	0.08	0.6	J	0.07	0.82	0.09	0.65	0.08	ND																																				
Lead-214 (Pb-214)	7,330,000	1.46	J	0.16	ND	ND																																																				
Radium-226* (Ra-226)	2.52	2.02	0.28	0.95	0.21	60.5	8.11	2.69	0.36	1.47	0.24	1.37	0.21	1.5	0.23	1.1	0.27	1.29	0.24																																							
Radium-228 (Ra-228)	16.2	0.82	0.09	0.69	J	0.26	1.29	J	1.37	0.79	0.1	0.99	0.11	0.93	0.11	1.02	0.12	1.16	0.14	0.92	0.34																																					
Thorium-227 (Th-227)	NS	0.11	0.05	NA	NA	0.15		0.06	0.09	0.04	0.16	0.06	0.06	J	0.04	0.05	J	0.04	NA																																							
Thorium-228 (Th-228)	13,300	0.75	J	0.12	0.74	0.4	0.95	0.47	0.85	J	0.13	0.86	J	0.12	0.82	J	0.13	1.03	J	0.15	0.98	J	0.16	0.92	0.4																																	
Thorium-230 (Th-230)	2,060	1	0.15	0.68	0.36	44.8	7.63	1.32	0.18	0.72	0.11	0.74	0.12	0.77	J	0.13	0.5	J	0.11	0.9	0.37																																					
Thorium-232 (Th-232)	5	0.88	J	0.14	0.35	0.25	0.85	0.4	0.77	J	0.12	0.94	J	0.13	0.73	J	0.12	0.91	J	0.14	0.99	J	0.16	0.33	0.21																																	
Thorium-234 (Th-234)	47,500	0.68	0.18	ND	ND	0.53		0.13	0.82	0.18	0.55	0.14	0.6	0.14	0.54	0.22	ND																																									
Thallium-208 (Tl-208)	3,400,000	0.26	J	0.03	0.2	0.07	0.41	0.25	0.24	J	0.03	0.31	J	0.04	0.27	J	0.03	0.32	0.04	0.34	0.04	0.27	0.09																																			
Uranium-234 (U-234)	3,260	0.56	J	0.11	NA	NA	0.67	J	0.13	0.96	J	0.16	1	J	0.17	0.82	0.15	0.64	0.11	NA																																						
Uranium-235 (U-235)	37.7	0.03	0.03	0.11	R	0.12	4.29	R	0.83	0.03	J	0.03	0.04	0.04	0.04	0.04	ND		0.04	0.03	0.03	0.11	R	0.1																																		
Uranium-238 (U-238)	158	0.6	0.12	0.41	0.19	1.2	0.34	0.70	0.13	0.81	J	0.14	0.87	0.16	0.84	0.15	0.62	0.11	0.42	0.16																																						
Uranium-233/234 (U-233/234)	3,260	NA		0.55	0.22	1.03	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																									
Uranium-235/236 (U-235/236)	37.7	NA		0.04	0.09	0.09	J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																								

Location No.	C003-SB001																C003-SB002						C003-SB003					
C003-SB001-2436-01			C003-SB001-3648-01			C003-SB001-3648-02			C003-SB002-0012-01			C003-SB002-1224-01			C003-SB002-2436-01			C003-SB002-3648-01			C003-SB003-0012-01			C003-SB003-1224-01				
RST 3 Sample No.		Sample Depth (inches)		Sample Matrix		Sample Date		Sample Result		Value (pCi/g)		Qualifier		Total Uncertainty		Value (pCi/g)		Qualifier		Total Uncertainty		Value (pCi/g)		Qualifier				

Table 4
Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C003-SB003						C003-SB004												C003-SB005											
	C003-SB003-2436-01			C003-SB003-3648-01			C003-SB004-0012-01			C003-SB004-1224-01			C003-SB004-2436-01			C003-SB004-3648-01			C003-SB005-0012-01			C003-SB005-1224-01			C003-SB005-2436-01					
	RST 3 Sample No.	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36				
	Sample Depth (inches)	Soil	Soil	Soil	Soil																									
Sample Date	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016	4/5/2016					
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty			
Radioisotope	¹ EPA SSAL																													
Bismuth-212 (Bi-212)	6,440,000	1.58	1.13	-0.53	2.35	0.82	0.16	1.11	0.19	2.48	1.24	1.21	0.82	0.42	0.18	ND	0.46	4.69												
Bismuth-214 (Bi-214)	1,310,000	NA	NA	NA	NA	0.78	0.09	0.63	0.07	NA	NA	NA	NA	0.36	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Cesium-137 (Cs-137)	11.20	NA	NA	NA	NA	0.01	0.01	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA	NA												
Potassium-40 (K-40)	26.7	14.78	2.7	5.76	1.6	13.1	1.46	13.3	1.48	15.18	3.14	12.64	2.2	4.78	0.57	15.21	3.36	29.8	5.68											
Lead-210 (Pb-210)	418	ND	ND	ND	ND	0.77	0.2	0.64	0.16	2.98	J	4.26	ND	0.65	0.18	11.7	6.3	33.66	11.5											
Lead-212 (Pb-212)	657,000	0.89	0.2	0.73	0.23	0.63	0.07	1	0.11	0.96	0.25	0.65	0.16	0.31	1	0.29	1.16	0.4												
Lead-214 (Pb-214)	7,330,000	ND	ND	ND	ND	0.92	0.1	0.74	0.08	ND	ND	ND	ND	0.44	0.06	ND	ND	ND												
Radium-226* (Ra-226)	2.52	0.86	0.2	2.11	0.44	1.39	0.24	1.31	0.2	6.68	1.03	0.95	0.21	0.87	0.24	13.17	1.86	28.31	3.9											
Radium-228 (Ra-228)	16.2	0.72	0.38	1.02	0.36	0.68	0.08	0.99	0.11	1.97	0.53	0.8	0.25	0.29	0.06	1.08	0.8	0.97	J	0.84										
Thorium-227 (Th-227)	NS	NA	NA	NA	NA	0.07	J	0.04	0.07	J	0.04	NA	NA	0.13	J	0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Thorium-228 (Th-228)	13,300	1.54	0.62	0.52	0.25	0.51	J	0.09	0.78	J	0.13	1.12	0.53	0.81	J	0.46	0.3	0.09	0.44	0.28	0.95	0.46								
Thorium-230 (Th-230)	2,060	0.35	0.27	0.64	0.26	0.56	J	0.1	0.58	J	0.11	1.47	0.58	0.44	J	0.32	0.31	0.1	3.92	0.92	2.97	0.86								
Thorium-232 (Th-232)	5	1.43	0.58	0.55	0.24	0.52	J	0.09	0.72	J	0.12	0.59	0.35	0.72	J	0.41	0.27	0.08	0.54	0.26	0.61	0.34								
Thorium-234 (Th-234)	47,500	ND	ND	ND	ND	0.33	0.17	0.58	0.16	ND	ND	ND	ND	0.47	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Thallium-208 (Tl-208)	3,400,000	0.47	0.1	0.15	J	0.18	0.19	0.02	0.3	0.04	0.41	0.14	0.24	0.09	0.1	0.02	0.28	0.09	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28				
Uranium-234 (U-234)	3,260	NA	NA	NA	NA	0.6	0.11	0.59	0.12	NA	NA	NA	NA	0.39	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Uranium-235 (U-235)	37.7	0.13	R	0.11	0.11	R	0.16	0.04	0.03	ND	ND	0.51	R	0.21	0.14	R	0.11	0.02	0.02	1.24	R	0.32	2.34	0.59						
Uranium-238 (U-238)	158	0.75	0.22	0.61	0.22	0.6	0.11	0.64	0.12	0.69	0.19	0.55	0.18	0.48	0.11	0.59	0.2	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28				
Uranium-233/234 (U-233/234)	3,260	0.63	0.21	0.58	0.21	NA	0.54	0.2	0.42	J	0.19	NA	0.64	0.18	0.54	0.17	NA	0.46	0.18	0.18	1.08	0.27	0.27	0.27	0.27	0.27				
Uranium-235/236 (U-235/236)	37.7	0.08	J	0.1	NA	NA	-0.005	0.071	ND	NA	NA	NA	NA	0.03	J	0.07	ND	0.08	0.1	J	0.07									

Location No.	C003-SB005						C003-SB006												C003-SB007											
C003-SB005-3648-01			C003-SB006-0012-01			C003-SB006-1224-01			C003-SB006-2436-01			C003-SB006-3648-01			C003-SB007-0012-01			C003-SB007-1224-01			C003-SB007-2436-01			C003-SS007-2436-02						
RST 3 Sample No.	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24											
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Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C003-SB007			C003-SB008									C003-SB009									C003-SB009							
RST 3 Sample No.	C003-SB007-3648-01			C003-SB008-0012-01			C003-SB008-1224-01			C003-SB008-2436-01			C003-SB008-3648-01			C003-SB009-0012-01			C003-SB009-1224-01			C003-SB009-2436-01							
Sample Depth (inches)	36-48			0-12			12-24			24-36			36-48			0-12			12-24			24-36							
Sample Matrix	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil							
Sample Date	4/5/2016			4/5/2016			4/5/2016			4/5/2016			4/5/2016			4/5/2016			4/5/2016			4/5/2016							
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty		
Radioisotope	¹ EPA SSAL																												
Bismuth-212 (Bi-212)	6,440,000	0.77	0.18	0.31		0.14	0.75		0.14	2.73	J	3.16	0.97	J	1.2	0.31		0.17	0.66		0.17		ND			7.56		2.7	
Bismuth-214 (Bi-214)	1,310,000	0.73	0.09	ND		0	0.01	ND		9.46		1.04	NA		NA	0.66		0.08	1.46		0.16	NA		NA					
Cesium-137 (Cs-137)	11.20	ND		0		0.01	ND			NA			NA		NA	ND			ND			NA		NA					
Potassium-40 (K-40)	26.7	9	1.01	9.27		1.05	12.4		1.38	11.3		3.28	9.02		2.05	9.17		1.04	12		1.34	10.56		2.65		15.83		3.74	
Lead-210 (Pb-210)	418	0.45	0.15	0.45		0.17	12		1.43	49.49		9.42	3.55		2	0.55	J	0.2	1.45	J	0.22	ND		4.19	J	5.63			
Lead-212 (Pb-212)	657,000	0.69	0.08	0.44		0.05	0.68		0.08	1.09		0.29	1.1		0.22	0.38		0.04	0.53		0.06	1.02		0.27		3.89		0.69	
Lead-214 (Pb-214)	7,330,000	0.88	0.1	0.49		0.06	10.8		1.19	ND			ND		ND	0.79		0.09	1.66		0.19	ND		ND					
Radium-226* (Ra-226)	2.52	1.3	0.23	0.71		0.21	32.2		1.41	39.18		4.35	1.24		0.29	1.04		0.26	2.15		0.29	3.81		0.51	6.58		1.07		
Radium-228 (Ra-228)	16.2	0.68	0.08	0.44		0.06	0.66		0.08	2.12		0.91	1.38		0.33	0.4		0.06	0.57		0.08	1.08		0.4	4.62		0.92		
Thorium-227 (Th-227)	NS	ND		0.18	J	0.09	0.23	J	0.08	NA			NA		NA	0.07	J	0.05	ND			NA		NA					
Thorium-228 (Th-228)	13,300	0.76	J	0.12	0.36		0.1	0.68	J	0.12	1.06	J	0.37	0.94	J	0.44	0.38		0.08	0.46		0.09	0.85	J	0.42	3.23	J	0.88	
Thorium-230 (Th-230)	2,060	0.6	J	0.1	0.56		0.13	3.64	J	0.44	12.8	J	2.32	1.11	J	0.46	0.55	J	0.11	0.95	J	0.14	1.19	J	0.44	2.6	J	0.74	
Thorium-232 (Th-232)	5	0.7	J	0.11	0.34		0.09	0.58	J	0.11	0.95	J	0.34	0.9	J	0.41	0.32		0.07	0.5		0.09	0.69	J	0.33	2.62	J	0.75	
Thorium-234 (Th-234)	47,500	0.61		0.19	0.3		0.16	ND		ND			1.25	J	1.29	0.18	J	0.2	0.41		0.17	ND		4.81	J	1.94			
Thallium-208 (Tl-208)	3,400,000	0.21		0.03	0.12		0.02	0.21		0.03	0.23	J	0.28	0.4		0.12	0.1		0.02	0.17		0.02	0.46		0.16	1.61		0.33	
Uranium-234 (U-234)	3,260	0.56		0.11	0.48		0.11	0.54		0.10	NA		NA		NA	0.37	J	0.09	0.46	J	0.08	NA		NA		NA			
Uranium-235 (U-235)	37.7	0.03		0.03	0.04		0.03	0.02		2.84	R	0.5	0.2	R	0.13	0.02	J	0.02	0.02	J	0.02	0.23	R	0.17	0.64	R	0.23		
Uranium-238 (U-238)	158	0.54		0.11	0.41		0.1	0.48	J	0.09	0.78	J	0.26	0.82	J	0.24	0.37	J	0.08	0.54	J	0.09	0.37		0.19	2.77	J	0.6	
Uranium-233/234 (U-233/234)	3,260	NA		NA			NA			0.69	J	0.24	0.71	J	0.22	NA			NA			NA		0.82	J	0.3	2.55	J	0.57
Uranium-235/236 (U-235/236)	37.7	NA		NA			NA			0.15	J	0.13	0.12	J	0.11	0.14	J	0.12	NA			NA		0		0.1	0.15	J	0.12

Location No.	C003-SB010									C003-SB011																	
RST 3 Sample No.	C003-SB010-0012-01			C003-SB010-1224-01			C003-SB010-2436-01			C003-SB010-3648-01			C003-SB010-4860-01			C003-SB010-6072-01			C003-SB010-7284-01			C003-SB010-8496-01			C003-SB011-0012-01		
Sample Depth (inches)	0-12			12-24			24-36			36-48			48-60			60-72			72-84			84-96			0-12		

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Table 4
Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C003-SB011						C003-SB012						C003-SB013						C003-SB013													
	C003-SB011-1224-01			C003-SB011-2436-01			C003-SB011-3648-01			C003-SB012-0012-01			C003-SB012-1224-01			C003-SB012-2436-01			C003-SB012-3648-01			C003-SB013-0012-01			C003-SB013-1224-01							
RST 3 Sample No.	12-24		24-36		36-48		0-12		12-24		24-36		36-48		0-12		12-24		24-36		36-48		0-12		12-24							
Sample Depth (inches)	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil							
Sample Date	4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016							
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty					
Radioisotope	¹ EPA SSAL																															
Bismuth-212 (Bi-212)	6,440,000	J	1.89	ND			0.95		0.17	0.47		0.19	2,03		1.55	5.95		3.72	7.03		6.02	0.61		0.19	0.95		0.18					
Bismuth-214 (Bi-214)	1,310,000	NA		NA			0.44		0.05	0.35		0.05	NA			NA			NA			0.43		0.06	1.8		0.2					
Cesium-137 (Cs-137)	11.20	NA		NA			ND			ND			NA			NA			NA			ND			ND							
Potassium-40 (K-40)	26.7	13.39	2.98	16.6		3.02	14.6		1.62	11.1		1.25	15.03		3.14	14.76		5.41	22.58		5.32	12.6		1.42	12.3		1.36					
Lead-210 (Pb-210)	418	11.29	J	5.29	ND		0.69	J	0.18	0.43	J	0.13	8.64	J	5.16	205.99		96.84	73.9		17.08	0.44	J	0.22	2.01	J	0.29					
Lead-212 (Pb-212)	657,000	0.68		0.22	0.85		0.2		0.84		0.1		0.47		0.06	0.91		ND			0.59	J	0.46	0.5		0.06	0.74		0.08			
Lead-214 (Pb-214)	7,330,000	ND		ND			0.51		0.06	0.4		0.06	ND			ND			ND			0.47		0.06	2.05		0.23					
Radium-226* (Ra-226)	2.52	5.49		0.87	1.68		0.29		1	0.67		0.23	8.15		1.19	132.87		17.54	75.94		10.80	0.85		0.08	2.79		0.36					
Radium-228 (Ra-228)	16.2	0.6	J	0.67	0.84		0.42		0.88		0.1		0.45		0.07	1.01		0.62	2.21		0.93	1.04	J	1.5	0.54		0.21	0.82	0.1			
Thorium-227 (Th-227)	NS	NA		NA			0.1		0.05	0.13		0.05	NA			NA			NA			0.06		0.04	0.12		0.05					
Thorium-228 (Th-228)	13,300	0.87	J	0.44	1.02	J	0.46		0.69		0.11		0.4		0.08	0.72	J	0.38	0.6	J	0.38	0.81	J	3.7	0.51		0.11	0.66		0.11		
Thorium-230 (Th-230)	2,060	1.1	J	0.46	0.94	J	0.42		0.44		0.09		0.36		0.08	8.42	J	1.74	84.8	J	14	21	J	3.74	0.53		0.12	1.24		0.18		
Thorium-232 (Th-232)	5	0.74	J	0.36	0.79	J	0.38		0.7		0.11		0.46		0.08	0.63	J	0.32	1.06	J	0.46	0.71	J	0.33	0.58		0.12	0.5		0.09		
Thorium-234 (Th-234)	47,500	ND		ND			0.54		0.17	0.51		0.22	ND			ND			ND			ND			0.46		0.02	0.55		0.16		
Thallium-208 (Tl-208)	3,400,000	0.34		0.14	0.33		0.1		0.26	0.03		0.14		0.02		0.5		0.15	ND			0.32	J	0.4	0.16		0.04	0.22		0.03		
Uranium-234 (U-234)	3,260	NA		NA			0.48		0.11	0.37		0.07	NA			NA			NA			NA			0.41		0.09	0.35		0.09		
Uranium-235 (U-235)	37.7	0.47	R	0.18	0.07	R	0.13		0.03	ND			0.92	R	0.29	9.27	R	1.47	5.51	R	1.05	0.03	J	0.03	0.02	J	0.02					
Uranium-238 (U-238)	158	0.38	J	0.17	0.57	J	0.21		0.49		0.11		0.34		0.07	0.37	J	0.18	0.67	J	0.23	3.07	0.67	0.41		0.09	0.44		0.1			
Uranium-233/234 (U-233/234)	3,260	0.24	J	0.13	0.36	J	0.16		NA			NA			0.4	J	0.19	0.8	J	0.26	4.38	J	0.88	NA			NA					
Uranium-235/236 (U-235/236)	37.7	0.04	J	0.08	ND			NA			NA			0.04	J	0.09	0.04	J	0.08	0.25	J	0.16	NA			NA						

Location No.	C003-SB013						C003-SB014						C003-SB015										
C003-SB013-2436-01			C003-SB013-3648-01			C003-SB014-0012-01			C003-SB014-1224-01			C003-SB014-2436-01			C003-SB014-3648-01			C003-SB015-0012-01			C003-SB015-122		

Table 4
Validated Soil Analytical Results Summary Table - Radioisotopes
Canadian Radium and Uranium Corp. Site
Mount Kisco, New York
April 2016

Location No.	C003-SB015						C003-SB016						C004-SB001						C004-SB001												
	C003-SB015-2436-01			C003-SB015-3648-01			C003-SB016-0012-01			C003-SB016-1224-01			C003-SB016-2436-01			C003-SB016-3648-01			C004-SB001-0012-01			C004-SB001-1224-01			C004-SB001-2436-01						
Sample Depth (inches)	24-36		36-48		0-12		12-24		24-36		36-48		0-12		12-24		24-36		Soil		Soil		Soil		Soil						
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil						
Sample Date	4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016		4/6/2016						
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty				
Radioisotope	¹ EPA SSAL																														
Bismuth-212 (Bi-212)	6,440,000	1.03	0.14	ND			0.97		0.19	1.33		1	1.52		1.18	0.99		0.14	1.75		1	1.44	J	1.6	ND						
Bismuth-214 (Bi-214)	1,310,000	0.55	0.06	NA			0.39		0.05	NA			NA			0.54		0.06	NA			NA			NA						
Cesium-137 (Cs-137)	11.20	0.01	0	NA			ND			NA			NA			ND			NA			NA			NA						
Potassium-40 (K-40)	26.7	12.9	1.42	14.74		3.35	16.9		1.88	11.9		2.79	14.11		2.98	13		1.44	14.15		2.63	13.32		3.32	13.71		2.45				
Lead-210 (Pb-210)	418	0.56	J	0.16	12.48	J	5.91	0.62	J	0.18	ND		ND			0.55	J	0.17	ND			2.43	J	2.54	ND						
Lead-212 (Pb-212)	657,000	0.88	0.1	0.98		0.28	0.77		0.09	0.86		0.2	0.89		0.22	0.9		0.1	0.86		0.21	0.87	0.22	0.73	0.18						
Lead-214 (Pb-214)	7,330,000	0.65	0.07	ND			0.48		0.06	ND			ND			0.62		0.07	ND			ND			ND						
Radium-226* (Ra-226)	2.52	1.16	0.18	11.76		1.68	0.87		0.22	1.06		0.26	0.82		0.24	1.11		0.18	1.70		0.32	3.63		0.58	2.96		0.45				
Radium-228 (Ra-228)	16.2	0.9	0.1	0.05	NA		0.8		0.1	1.24		0.32	1.27		0.37	0.94		0.11	1.28		0.34	1.12	0.44	1.1	0.33						
Thorium-227 (Th-227)	NS	0.09	0.05	NA			0.11		0.06	NA			NA			0.12		0.06	NA			NA			NA						
Thorium-228 (Th-228)	13,300	0.81	0.13	0.76		0.33	0.67		0.12	1.35		0.52	0.88		0.36	0.81		0.13	0.8	J	0.36	1.09		0.39	1.23		0.39				
Thorium-230 (Th-230)	2,060	0.54	0.1	1.33		0.43	0.49		0.1	0.41		0.26	0.16	J	0.14	0.7		0.12	0.32		0.21	1.02		0.35	0.66		0.26				
Thorium-232 (Th-232)	5	0.85	0.13	0.6		0.27	0.6		0.11	1.16		0.44	0.57		0.27	0.86		0.14	0.53		0.27	1.06		0.36	0.77		0.29				
Thorium-234 (Th-234)	47,500	0.6	0.16	0	NA		2.25	0.69	0.27	ND			ND			0.61		0.17	ND			ND			3.3	3.37					
Thallium-208 (Tl-208)	3,400,000	0.28	0.03	0.51		0.16	0.22	0.03	0.03	0.36		0.11	0.33		0.1	0.29		0.03	0.3		0.09	0.34		0.12	0.28		0.09				
Uranium-234 (U-234)	3,260	0.52	0.1	NA			0.49		0.1	NA			NA			0.59		0.13	NA			NA			NA						
Uranium-235 (U-235)	37.7	0.03	J	0.03	0.98		0.29	ND		0.19	R	0.17	ND			ND			0.17	R	0.17	0.36	R	0.18	0.26	0.16					
Uranium-238 (U-238)	158	0.46	0.1	0.46		0.19	0.48		0.1	0.42		0.17	0.38		0.16	0.51		0.12	0.45		0.18	0.51		0.19	0.66		0.23				
Uranium-233/234 (U-233/234)	3,260	NA			0.61	0.22	NA			0.44		0.18	0.32		0.15	NA			0.45		0.18	0.76		0.24	0.65		0.23				
Uranium-235/236 (U-235/236)	37.7	NA			0.08	0.08	0.01	0.07	0.05	0.08	0.00	0.07	0.09		0.07	0.99		0.10	0.02		0.02	0.08		0.10	0.09		0.04	0.08			
Radium-226** (Ra-226)	NS			NA			NA			NA			NA			0.99		0.72	ND			ND			0.72	J	0.41	0.45	J	0.41	
Radium-228*** (Ra-228)	NS			NA			NA			NA			NA			0.72	J	0.41	0.45	J	0.41										